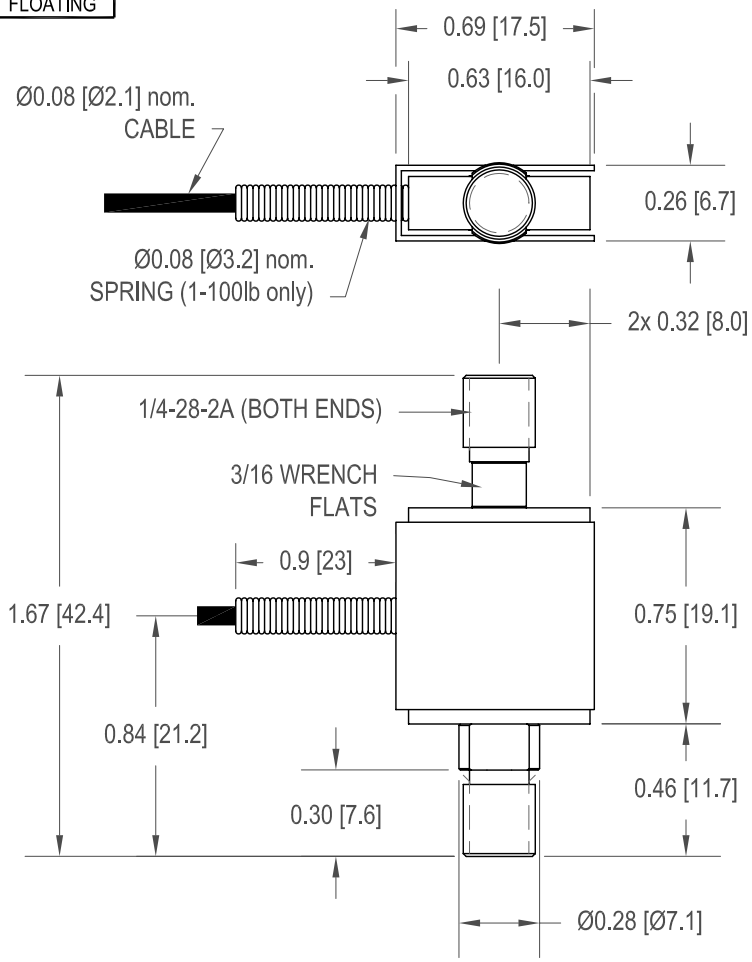
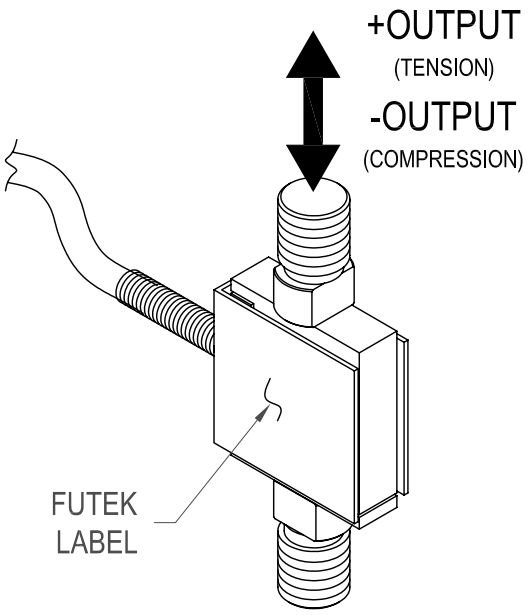
FUTEK MODEL LRM200 (L2358)

S-BEAM JR. LOAD CELL (T & C) w/ MALE THREADS

Drawing Number: FI1082-A	
INCH [mm]	R.O.= Rated Output

WIRING CODE (WC 1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			





NOTE:
WHEN USING WRENCH FLATS TO TIGHTEN DO NOT TORQUE THROUGH THE SENSOR, THIS MAY DAMAGE THE SENSOR.

	CAPACITIES	
STK#	lb	N
FSH02899	100g	1
FSH02902	250g	2.5
FSH01675	1	4.5
FSH01674	2	8.9
FSH01673	5	22.2
FSH01672	10	44.5
FSH01671	25	111
FSH01670	50	222
FSH01669	100	445

SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
SAFE OVERLOAD	*1000% of R.O. (100 g to 100 lb), 200% of R.O. Tension Only (50 lb and 100 lb)**
ZERO BALANCE	*±3% of R.O.*
EXCITATION (VDC OR VAC)	*10 MAX*
BRIDGE RESISTANCE	*350 Ω nom., 1000Ω nom.(100g & 250g)*
NONLINEARITY	*±0.1% of R.O.*
HYSTERESIS	*±0.1% of R.O.*
NONREPEATABILITY	*±0.05% of R.O.*
TEMP. SHIFT ZERO	*±0.01% of R.O./°F [0.018% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.02% of LOAD/°F [0.036% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-60 to 200°F [-50 to 93°C]*
WEIGHT	*0.5 oz [14 g] (100g to 10 lb), 1.1 oz [31 g] (25 to 100 lb)*
MATERIAL	*ALUMINUM (100g to 10 lb), STAINLESS STEEL (25 to 100 lb)*
DEFLECTION	*0.005 [0.13] nom.*

CABLE: #29 AWG, 4 Conductor, Spiral Shielded Silicone Cable, 5 ft [1.5 m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt TENSION; 60.4 KΩ , 150KΩ (100-250g) SHUNT CAL. VALUE*
CALIBRATION (AVAILABLE)	*COMPRESSION*
CALIBRATION TEST EXCITATION	*5 VDC*

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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